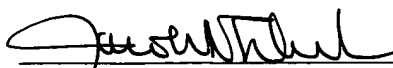


**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on June 29, 2001.

  
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Bharti Temkin et al. Confirmation No.: 1591  
Serial Number: 09/844,635 Group Art Unit: 2671  
Filed: April 28, 2001 (priority April 28, 2000)  
For: HAPTIC VIRTUAL ENVIRONMENTS

PERKINS, SMITH & COHEN, LLP  
One Beacon Street  
Boston, MA 02108  
(617) 854-4000

To: Commissioner for Patents  
Washington D.C. 20231-0001

**PRELIMINARY AMENDMENT**

Sir:

This amendment is submitted prior to receiving an Office Action on the merits.

Please amend the application as follows:

**IN THE SPECIFICATION**

Please amend the specification as follows:

Please insert prior to the "FIELD AND BACKGROUND OF THE INVENTION" the following section: